Certificate No: LR2094332TA
Issue Date: 18/12/2020
Expiry Date: 22/12/2025

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**MTU Friedrichshafen GmbH**
Address	Maybachplatz 1, Friedrichshafen, 88045, Germany
Type	Diesel Engines
Description	Reciprocating high speed internal combustion oil engine, non-reversible, direct injection based on a Common Rail fuel injection system, 4 SCSA, turbocharged, Vee-type
Trade Name	MTU Series 2000 CR Mx2/x3/x4 - 8, 10, 12 and 16 Cylinder
Application	As prime movers for multi engine installations and auxiliary drive on ships, classed or intended for classification with Lloyd's Register.
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships, 2020
Ratings	Power (MCR) : 110.2 kW/cyl. at 2450 rpm Max. firing press. : 200 bar MIP : 26.8 bar
Other Conditions	Not intended as single emergency source of electrical power

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Olaf Schmidt

Lead Specialist to Lloyd's Register EMEA
A member of the Lloyd's Register group

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: 05/20054 (E5)

The Design Appraisal Document HMD 16456-05, Issue No. 6 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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